

WHAT IS CLAIMED IS:

1. A flat panel display apparatus comprising:

a flat panel display module;

a control PCB placed in one rear edge area of the flat panel display module and having a conductive grounding part; and

a grounding contact member including a rear contact part contacting the grounding part of the control PCB, and a side contact part bent from the rear contact part and contacting one edge of the flat panel display module, and grounding the control PCB.

2. The flat panel display apparatus according to claim 1, wherein the control PCB has the length shorter than the width of the flat panel display module, and is placed in an approximate middle portion of an upper rear edge area of the flat panel display module.

3. The flat panel display apparatus according to claim 2, further comprising a PCB cover placed behind the control PCB and combined to the flat panel display module so as to protect the control PCB.

4. The flat panel display apparatus according to claim 1, wherein the grounding contact member is attached to the grounding part of the control PCB by an adhesive means.

5. The flat panel display apparatus according to claim 3, wherein the PCB cover includes a rear covering part

covering behind the control PCB, and a side combining part bent from the PCB covering part and combined to a side part of the flat panel display module.

6. The flat panel display apparatus according to claim 5, wherein the rear covering part of the PCB cover is formed with a grounding hole corresponding to the grounding part of the control PCB, and

the side combining part of the PCB cover is formed with a cutting part through which the side contact part of the grounding contact member can contact the side part of the flat panel display module.

7. The flat panel display apparatus according to claim 3, wherein on the rear surface of the flat panel display module is formed a supporting rib protruding toward the control PCB and contact-supporting circumference of the control PCB at least partially so as to leave a space between the control PCB and the rear surface of the flat panel display module.

8. The flat panel display apparatus according to claim 7, wherein an edge area of the control PCB is formed with a supporting hole, and

the supporting rib is formed with a supporting boss protruding toward the control PCB and inserted into the supporting hole of the control PCB.

9. An LCD comprising an LCD panel having a substrate

on which a LCD driver IC is mounted, a backlight assembly provided in the rear of the LCD panel and illuminating the LCD panel, and a chassis combined to the backlight assembly so as to surround front edges of the LCD display panel and side parts of the backlight assembly, further comprising:

a control PCB placed in one rear edge area of the backlight assembly and having a conductive grounding part;

an FPC connecting the LCD driver IC with the control PCB; and

a grounding contact member including a rear contact part contacting the grounding part of the control PCB, and a side contact part bent from the rear contact part and contacting one edge of the chassis, and grounding the control PCB.

10. The LCD according to claim 10, wherein the control PCB has the length shorter than the width of the backlight assembly, and is placed in an approximate middle portion of an upper rear edge area of the backlight assembly.

11. The LCD according to claim 10, wherein the FPC has the length shorter than the width of the backlight assembly, and is connected to the control PCB in an approximate middle portion of an upper edge area of the LCD panel.

12. The LCD according to claim 11, wherein the backlight assembly comprises a light guide plate placed in the rear of the LCD panel, a lamp unit illuminating the

light guide plate, and a mold frame placed in the rear of the light guide plate and combined with the chassis so as to accommodate and support the light guide plate and the lamp unit, and

the control PCB is placed in one rear edge area of the mold frame.

13. The LCD according to claim 12, further comprising a PCB cover placed behind the control PCB and combined to the backlight assembly so as to protect the control PCB.

14. The LCD according to claim 9, wherein the grounding contact member is attached to the grounding part of the control PCB by an adhesive means.

15. The LCD according to claim 13, wherein the PCB cover includes a rear covering part covering behind the control PCB, and a side combining part bent from the PCB covering part and combined to a side part of the chassis.

16. LCD according to claim 15, wherein the rear covering part of the PCB cover is formed with a grounding hole corresponding to the grounding part of the control PCB, and

the side combining part of the PCB cover is formed with a cutting part through which the side contact part of the grounding contact member can contact the side part of the chassis.

17. The LCD according to claim 13, wherein on the rear

surface of the mold frame is formed a supporting rib protruding toward the control PCB and contact-supporting circumference of the control PCB at least partially so as to leave a space between the control PCB and the rear surface of the mold frame.

18. The LCD according to claim 17, wherein an edge area of the control PCB is formed with a supporting hole, and

the supporting rib is formed with a supporting boss protruding toward the control PCB and inserted into the supporting hole of the control PCB.